

Page 2  
1/31/93

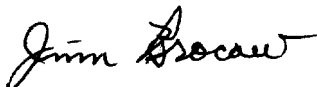
expensive to build (I have over \$2,000 invested in radios and models); but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the craft. We often fly our models at organized events and contests where hundreds of operators participate. We need the use of our full complement of radio control frequencies in order to assure a safe flying environment.

The local charity "fun flys" sponsored by Watonga RC Fliers, are held at a public park, located less than a quarter of a mile from State Highway 33. Not only are these new frequencies very close to ours, they are also designated as "mobile", therefore we would never know where they are operating, including right in the pit area at our flying field or on a street or highway nearby. In addition, the technical specifications for the new equipment allows a legal frequency tolerance which could place their signal directly on ours.

I do not think it is wise of the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers and public safety at our flying events. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and in our radio equipment. The hobby provides many hours of enjoyment to thousands of people like myself and contributes to the advancement and development of the commercial aviation industry.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72-76 MHz band.

Sincerely,



Jim Brocaw

JLB:bgb

cc: Vince Mankowski, Academy of Model Aeronautics  
RC correspondence



EX PARTE OR LATE FILED

W. W. NEER, D.V.M.

SENATOR BOREN  
WASHINGTON, D.C.

5122 So. Sheridan  
Tulsa, OK 74145  
Telephone: (918) 627-1290

00 FEB -4 PM 4:56

January 28, 1993

RECEIVED

The Honorable David Boren  
453 Russell, Senate Office Bldg.  
Washington, D. C. 20515

MAR - 8 1993

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

Dear Senator:

I am retired and derive many hours of enjoyment from constructing and operating radio controlled model airplanes.

I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes and this is extremely important.

Our radio control frequencies are in the 72 - 76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted. This will create an enormous hardship on our hobby.

When we fly our model airplanes under radio control, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

Please understand that many model airplanes have wing spans up to 10 feet and weigh as much as 30 or 40 pounds. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the craft. We often fly our models at organized events and contests where hundreds of operators participate. We need the use of our full complement of radio frequencies in order to assure a safe flying environment.

I do not think it is wise of the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and in our radio equipment. The hobby provides many hours of enjoyment to thousands of people like myself and contributes to the advancement and development of the commercial aviation industry. Please help me continue by not allowing the FCC to carry out its proposals.

Sincerely,

EX PARTE OR LATE FILED

February 4, 1993

The Honorable David L. Boren  
453 Russel Senate Office Building  
Washington, DC 20510

SENATOR BOREN  
WASHINGTON, D.C.  
00 FEB -9 AM 9:31

RECEIVED

MAR - 8 1993

Dear Senator Boren:

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

I have been interested in aviation for a long time and I belong to a local club whose members enjoy building and flying radio-controlled model airplanes. I have been involved in this hobby for several years and I own several airplanes, an expensive radio, engines, and the accessories needed to build and fly the models. I have a lot of money invested in this pastime.

I am very concerned about a proposed rule under consideration by the FCC. The proceeding is PR Docket 92-235. If adopted the new rule will greatly reduce the usability of frequencies assigned for R/C model use and will increase the risk of accidents and liability.

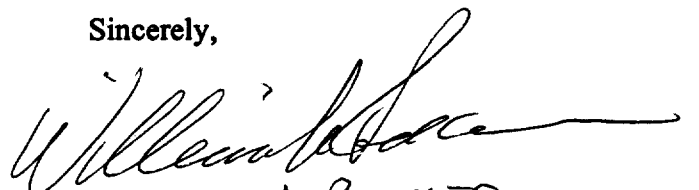
The Notice of Proposed Rule Making in PR Docket 92-235 replaces part 90 of the rules with a new part 88. Part 90 allows for safe use of R/C aircraft by keeping 10 KHz spacing between fixed commercial users and frequencies used by R/C modelers. The new Part 88 will allow mobile users on frequencies within 2.5 KHz of ours, eliminating the safe use of at least 31 of the 50 channels on the 72 MHz band and 10 of the 30 frequencies on the 75 MHz band now being used by hobbists. I have been told that more channels will likely be affected.

When we operate our models, we go to great lengths to assure the safety of operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the frequencies assigned to us. If the number of useable frequencies is decreased as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

I don't think it is wise of the FCC to expand the operation of land mobile radio users at the expense of radio-control modelers. The FCC may not think we are as important as business users of radio, but we have a considerable investment in our models and equipment. The model industry is sizeable and growing and must be saved from these detrimental FCC actions. The hobby provides many hours of enjoyment to hundreds of thousands of people like me and contributes to the advancement and development of the aviation industry.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out PR Docket for the 72-75 MHz band. We need your help urgently because the FCC has a deadline of February 26, 1993 after which it may become much more difficult to keep this proposal from going into effect.

Sincerely,

  
WILLIAM L BAKER  
1902 PETER PAN  
NORMAN OK 73072

EX PARTE OR LATE FILED

February 3, 1993  
RECEIVED SENATOR BUREN  
WASHINGTON, D.C.

Dear Senator David Boren:

MAR - 8 1993 00 FEB -8 AM 8:36

FEDERAL COMMUNICATIONS COMMISSION

OFFICE OF THE SECRETARY

I am very active in a local club whose purpose is to construct and  
operating radio controlled model airplanes. I am very concerned about

EX PARTE OR LATE FILED

RECEIVED

SENATOR BOREN  
WASHINGTON, D.C.

MAR - 8 1993

00 FEB -8 AM 8:35

501 Alice Drive  
Duncan, OK 73533  
February 01, 1993

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

The Honorable David L. Boren  
453 Russell Senate Building  
Washington, D.C. 20510

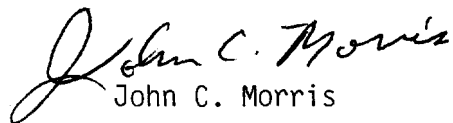
The Honorable Don Nickles  
742 Hart Senate Building

Please understand that many model airplanes have wing spans up to 10 feet and weigh as much as 30 or 40 pounds. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the craft. We often fly our models at organized events and contests where hundreds of operators participate. We need the use of our full complement of radio frequencies in order to assure a safe flying environment.

I do not think it is wise of the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and in our radio equipment. The hobby provides many hours of enjoyment to thousands of people like myself and contributes to the advancement and development of the commercial aviation industry.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72 - 76 MHz band.

Sincerely,

  
John C. Morris

JCM/hlm

cc:file

EX PARTE OR LATE FILED

Dear Senator Boren,

I have been involved in Model Aviation for four years and derive many hours of enjoyment from constructing and operating controlled model airplanes. Currently I have five radios, five models and have a workshop full of other products necessary to operating models, the sum of which represents a considerable investment.

I am very concerned about the proposed rule that is currently under consideration by the FEDERAL COMMUNICATIONS COMMISSION (FCC). The proceeding is PR DOCKET 92-235. If adopted, the new rule greatly reduce the usability of frequencies currently assigned for Model use and increase the risk of accidents and attendant liability.

Our radio-control frequencies are in the 72-76 Mhz band. This band is primarily used for private land mobile dispatch operations. However, our radio-control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

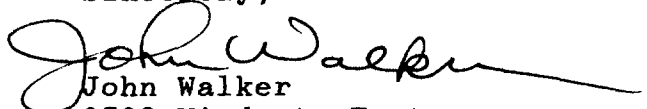
The Notice of Proposed Rule Making (NPRM) in PR DOCKET 92-235 replaces Part 90 of the rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies use by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5 Khz of frequencies available to us, eliminating safe use of at lease 31 of the 50 channels on the 72 MHz band (for R/C aircraft) and 10 of the 30 frequencies on the 75 MHz band (for R/C cars and boats) now used by hobbyists. In fact, more channels will likely be affected.

When we operate our R/C models, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

I don't think it is wise of the FCC to seek to expand the operation conditions of land mobile radio users at the expense of the radio-control modelers. The FCC may not think we are as important as business users of radio, but we have a considerable investment in our models and in our radio equipment. It is a sizeable industry that must be saved from these detrimental FCC actions. The hobby provides many hours of enjoyment to hundreds of thousands of people like myself and contributes to the advancement and development of the commercial aviation industry.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposal PR Docket 92-235 for the 72-76 MHz band. We all need your help urgently because the FCC has a deadline of February 26, 1993 after which it may become more difficult to avoid halting these proposals from going into effect.

Sincerely,

  
John Walker  
3728 Windgate East  
Oklahoma City Okla 73179

THE HONORABLE DAVID BOREN  
UNITED STATES SENATE EX PARTE OR LATE FILED

Feb. 3, 1993

RECEIVED

MAR - 8 1993

Dear Senator Boren

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

I am very active in a local club whose members enjoy constructing and operating radio controlled model airplanes. I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC).

The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72-76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted.

When we fly our model airplanes under radio control, we go to great lengths to assure the safety of operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

please understand that many model airplanes have wing spans up to 10 feet and weigh as much as 30 or 40 pounds. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the aircraft. We often fly our models at organized events and contests where hundreds of operators participate. We need the use of our full complement of radio frequencies in order to assure a safe flying environment.

I do not think it is wise of the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control



THE HONORABLE DAVID BOREN  
UNITED STATES SENATE

Feb. 3/1993

RECEIVED

EX PARTE OR LATE FILED

SENATOR BOREN  
WASHINGTON, D.C.

MAR - 8 1993

Dear Senator Boren

00 FEB -8 AM 8:35

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

I am very active in a local club whose members enjoy constructing and operating radio controlled model airplanes. I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC).

The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72-76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted.

When we fly our model airplanes under radio control, we go to great lengths to assure the safety of operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

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I do not think it is wise of the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and in our

MAR - 8 1993

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARYSENATOR BUREN  
WASHINGTON, D.C.

00 FEB -8 AM 8:35

Dear *David Boren*

I am very active in a local club whose members enjoy constructing and operating radio controlled model airplanes. I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC).

The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72-76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted.

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I do not think it is wise of the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and in our radio equipment. The hobby provides many hours of enjoyment to thousands of people like myself and contributes to the advancement and development of the commercial aviation industry.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72-76 MHz band.

Sincerely,

*James D. Gray*  
621 NW 45th  
Okla. City, Okla.  
73118

RECEIVED

FEB 1, 1993

EX PARTE OR LATE FILED

The Honorable David Boren  
United States Senate  
Washington, DC 20510

SENATOR BOREN  
WASHINGTON, D.C.

MAR - 8 1993

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

00 FEB -8 AM 8:34

Dear Senator Boren

I have been involved in model aviation for many years now and in a few years plan to retire and spend a great deal more time with the hobby.

I am very concerned about the proposed rule that is currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adapted, the new rule will greatly reduce the usability of frequencies currently assigned for R/C model use and increase the risk of accidents and attendant liability.

Our radio-control frequencies are in the 72-75 MHz band. This band is primarily used for private land mobile dispatch operations (pagers). However, our radio-control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either interfering with the other.

The Notice of Proposed Rule Making (NPRM) in PR docket 92-235 replaces Part 90 of the rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 KHz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5KHz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on the 72 MHz band and 10 of the 30 frequencies on the 75 MHz band now used by hobbyists. In fact more channels will likely be affected.

Many of our safety precautions involve the careful coordination and control of frequency use. The complete control of the aircraft depends on a clear and precise signal between the ground based transmitter and airborne receiver. The 2.5 KHz spacing will virtually eliminate the possibility of a clear signal, where the tolerance range of the equipment will allow adjacent frequency interference.

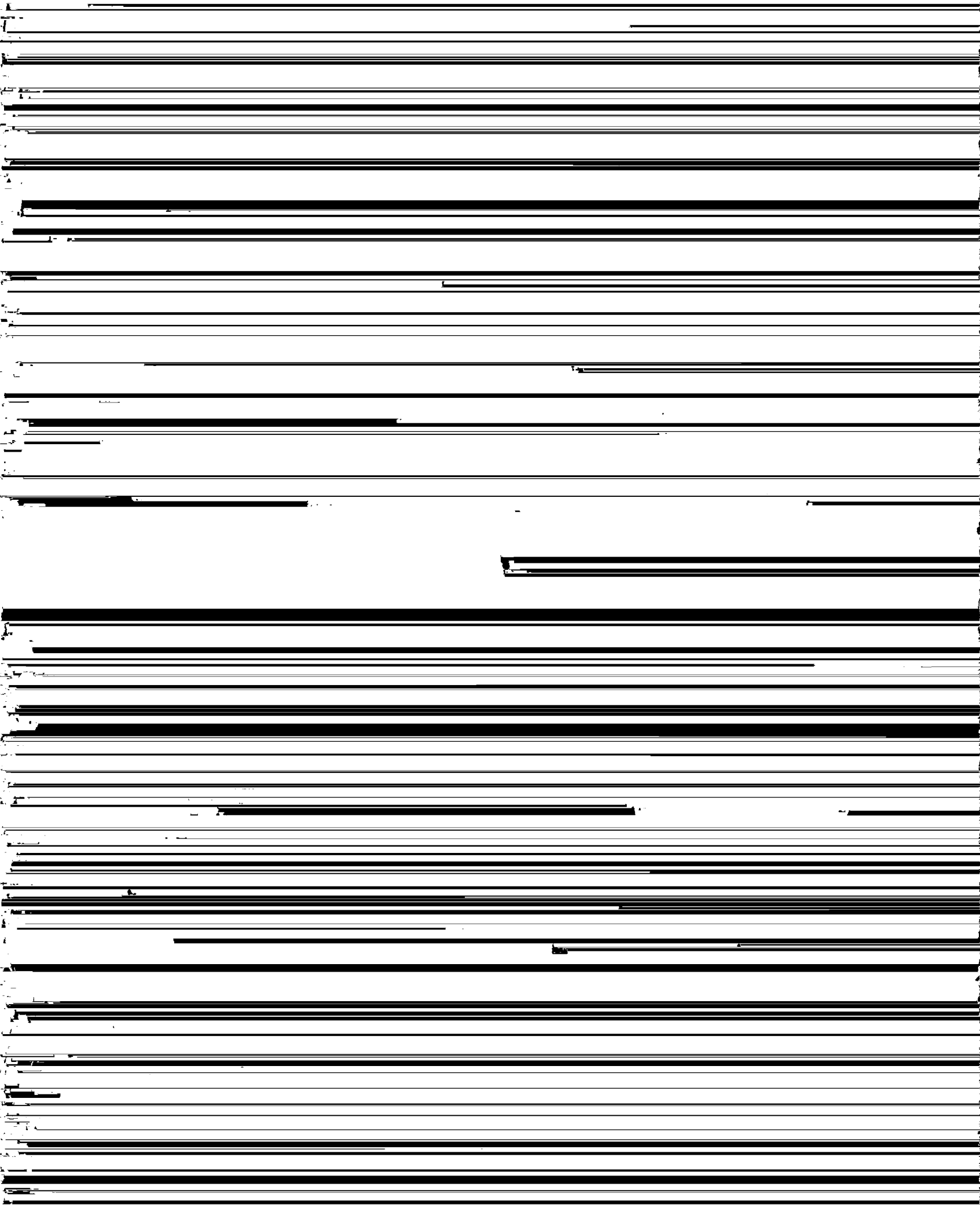
I don't think it is wise of the FCC to seek to expand the operation condition of land mobile radio users at the expense of the radio-control modelers. The FCC may not think we are as important as business users of radio, but we have a considerable investment in our models and in our radio equipment. It is a sizable industry that must be saved from these detrimental FCC actions.

We urgently need your help by not allowing the FCC to carry out it's proposal PR Docket 92-235 for the 72-75 MHz band, because the FCC has a deadline of Feb 26, 1993 after which it may become more difficult to avoid halting these proposals from going into effect.

Sincerely,



Derral Idleman  
3721 Southwind Ct.  
Okla City, Ok 73179



The proposed change would allow higher power mobil transmitters to be operate on radio frequencies which adjoin 31 of the assigned model aircraft frequencies. Comments from modelers across the state of Oklahoma and the nation express deep concern of how this change will affect our activties. I am a typical example because all of my receivers are in the affected range and would be unreliable. I could not be certain that a higher power mobile transmitter in use on a nearby highway or in the parking lot would not overpower my transmitter and cause my aircraft to stray from it's intended course and altitude. I would consider these receivers as unusable.

This change will also have a negative economic effect on model activities. Even if there was an alternative that moved model aircraft to another frequency band, most modelers would not have the resources to purchase a complete new radio package. Although some modelers have unlimited resources, the majority have very limited resources to devote to model aircraft and many have indicated that to be on the safe side, they would have to give up their radio controlled aircraft activities. Also, model contests bring hundreds and sometimes thousands of attendees which contribute to the local communities economic growth. These large contests could not occur because of the loss of safe operating frequencies and proportional attendance. Less activities will have an negative impact on equipment manufacturers, model aircraft hobby stores and etc.

Senator Boren, I could continue on with the details of how the proposed FCC rule change will adversely affect an activity which may seem insignificant to some but is very important to others including myself. So that we may continue our radio controlled model aircraft activities safely, I ask you to do what you can to prevent implementation of the FCC proposed rule change as it pertains to the 72 - 76MHz frequency band.

Sincerely,

A handwritten signature in cursive script, appearing to read "Art Allen".

Art Allen

EX PARTE OR LATE FILED

9

Feb 3. 1993  
921 West Main  
Purcell, Okla. 73059

SEPARATELY FILED  
FEB 3 1993  
00 FEB -3 2110:11

The Honorable David C. Boren  
U. S. Senate  
Washington, D. C., 20510

RECEIVED

MAR - 8 1993

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

Dear Senator:

I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is FR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72 - 76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted.

When we fly our model airplanes under radio control, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased. We often fly our models at organized events and contests where hundreds of operators participate and we need the use of our full complement of radio frequencies in order to assure a safe flying environment.

The hobby provides many hours of enjoyment to thousands of people and contributes to the advancement and development of the commercial aviation industry.

Please help continue the safe enjoyment of Model Flying by not allowing the FCC to carry out its proposals. Thank you.

Yours truly,

*AE Robb*

EX PARTE OR LATE FILED

Feb 3, 1993  
529 East Bldwy.  
Lexington, Okla. 73051

The Honorable David L. Boren,  
U. S. Senate,  
Washington, D. C., 20510

RECEIVED

MAR - 8 1993

Dear Senator

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

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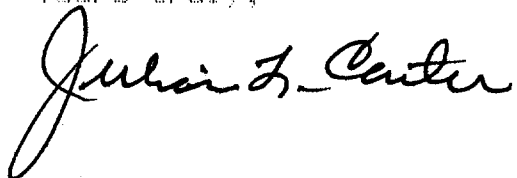
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The hobby provides many hours of enjoyment to thousands of people and contributes to the advancement and development of the commercial aviation industry.

Please help continue the safe enjoyment of Model Flying by not allowing the FCC to carry out its proposals. Thank you.

Yours truly,



RECEIVED

**MAR - 8 1993**

SENATOR SOREN  
WASHINGTON, D.C.

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

00 FEB -8 AM 10: 14

Dear Mr Boren

I am very active in a local club whose members enjoy constructing and operating radio controlled model airplanes. I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC).

The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72-76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies



EX PARTE OR LATE FILED

SENATOR BOREN  
WASHINGTON, D.C.

00 FEB -8 AM 10:13

RECEIVED

REGUARDING FCC RULE MAKING  
FROM: NORMAN SMITH  
312 S. 24th  
CLINTON, OKLA.  
73601

MAR - 8 1993

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

FEBUARY 04, 1993

SENATOR DAVID BOREN  
UNITED STATES SENATE  
WASHINGTON, DC 20510

SENATOR:

I AM WRITING YOU, ASKING FOR YOUR SUPPORT AND HELP IN A PROBLEM  
THAT WILL SOON AFFECT ALL REMOTE CONTROL (R/C) HOBBIES.

PLEASE FIND THE ATTACHED LETTER, WHICH IS A COPY OF ONE THAT WAS  
SENT TO THE FEDERAL COMMUNICATIONS COMMISSION. THIS LETTER IS ASKING  
THAT THE PR DOCKET 92-235 (PART 8A) NOT BE INACTED.

REGUARDING FCC RULE MAKING  
FROM: NORMAN SMITH  
312 S. 24th  
CLINTON, OKLA. 73601

FEDERAL COMMUNICATIONS COMMISSION  
1919 M STREET, NW  
WASHINGTON, DC 20554

FEBUARY 04, 1993

DEAR SIRs:

IT HAS RECENTLY COME TO MY ATTENTION THAT THE FCC IS CONSIDERING AN ACTION THAT WILL SEVERLY LIMIT AND POSSIBLY ELIMINATE A VERY IMPORTANT SPORT AND HOBBY OF MINE, RADIO CONTROLLED AIRCRAFT AND CARS.

YOUR NOTICE OF PROPOSED RULE MAKING IN PR DOCKET 92-235 REPLACES PART 90 OF YOUR RULES WITH A NEW PART 88. PART 90 ALLOWS FOR SAFE USE OF R/C AIRCRAFT AND SURFACE MODELS BY KEEPING 10 Khz BETWEEN FIXED COMMERCIAL USERS AND FREQUENCIES USED BY R/C ENTHUSIAST. THE NEW PART 88 WILL ALLOW MOBILE USERS ON FREQUENCIES WITHIN 2.5 Khz OF FREQUENCIES AVAILABLE TO US, ELIMINATING SAFE USE OF 31 OF THE 50 CHANNELS ON THE 72 Mhz BAND AND 10 OF THE 30 FREQUENCIES ON THE 75 Mhz BAND NOW USED BY HOBBYISTS. IN FACT MORE CHANNELS WILL LIKELY BE AFFECTED.

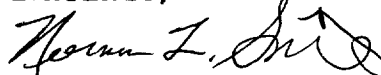
THIS ACTION WILL HAVE A SEVERE IMPACT UPON ME AND THE ENTIRE R/C HOBBY INDUSTRY. IF PUT INTO EFFECT MY R/C AIRCRAFT COULD BE SHOT OUT OF THE SKY BY A MOBILE USER I'D HAVE NO WAY OF KNOWING ABOUT. THIS COULD CAUSE A SEVERE HEALTH HAZARD.

I OWN SEVERAL RADIOS AND MODELS ALONG WITH A GOOD QUANTITY OF FIELD EQUIPMENT AND ACCESSORIES WHICH IS NECESSARY TO SUPPORT MY HOBBIE. WHEN YOU CONSIDER THERE ARE HUNDREDS OF THOUSANDS OF OTHER R/C HOBBYISTS IN THE U.S. LIKE ME, THESE PROPOSED RULE CHANGES WILL AFFECT A LOT OF PEOPLE ECONOMICALLY AND IN TERMS OF ENJOYMENT.

PLEASE CONSIDER THE FACT THAT THERE ARE MANY MORE FREQUENCIES THAT WOULD BE LESS LIKELY AFFECTED SHOULD THEY BE USED FOR MOBILE USERS. I URGE YOU TO KEEP 10 Khz SPACING BETWEEN ALL FREQUENCIES ON 75 Mhz AND 72 Mhz BANDS AVAILABLE FOR SAFE USE BY THE R/C ENTHUSIAST. PLEASE DON'T ELIMINATE THIS HOBBY THAT HAS GROWN TREMENDOUSLY OVER THE PAST 30 YEARS AND WOULD JEOPARDIZE THE INVESTMENT OF MUCH MONEY AND THE ENJOYMENT OF MANY PEOPLE NATIONWIDE.

THANK YOU FOR YOUR TIME AND CONSIDERATION.

SINCERLY,

  
NORMAN L. SMITH

EX PARTE OR LATE FILED

SENATOR BOREN  
WASHINGTON, D.C.

00 FEB -8 AM 10:12

RECEIVED

MAR - 8 1993

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

The Honorable David L. Boren  
United States Senate  
Washington, D.C. 20510

Dear Senator Boren

I am very concerned about a proposed rule change under consideration by the FCC. The proceeding is PR Docket 92-235. If adopted, this new rule will reduce the number of useable frequencies currently assigned for model use.

Our radio control frequencies are in the 72 - 76 Mhz band and are spaced far enough apart from land mobile frequencies without interfering with each other. This proposed rule will eliminate over 60% of our existing frequencies.

I have been involved in the hobby for over seven years and own several model airplanes and R/C cars and a lot of support equipment. Please understand these models are operated very safely but if interfered with by other frequencies could become uncontrollable and cause damage or possible injury.

Please help me to continue the safe enjoyment of my hobby and not allow the FCC to carry this proposal.

Sincerely,

*Keith Winless*

Radio controlled model aviation is a hobby , sport, pastime and contributes to research and development of commercial aviation. It is enjoyed by people in many walks of life , young and old alike. It also helps in teaching our youth in many areas of science and aviation. All of this is now being threatened.

SENATOR BOREN  
WASHINGTON, D.C.  
FEB - 9 AM 10:11

The Federal Communications Commission (FCC) is proposing a large rules change in the frequencies we now use for our model airplanes. This proposal is PR Docket 92-235. If the FCC adopts these new rules, the amount of frequencies assigned to model aviation will be greatly reduced.

Our radio control frequencies are in the 72-76 MHz band. There are 50 channels assigned to model aircraft on the 72 MHz band, channels 11 through 60. These frequencies are shared by mobile dispatch operations. The frequencies in this band are far enough apart that both users do not interfere with each other. The FCC wants to increase the number of mobile frequencies by inserting new frequencies in between the radio control frequencies and the mobile dispatch frequencies. It will affect our channels 11 through 41, leaving us with only 19 channels.

RECEIVED

MAR - 8 1993

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

The AMA, AMA chartered clubs and AMA members have gone to great lengths to maintain one of the best safety records of any sport or hobby. The use of interference-free frequencies insures this safety. Many of our model planes fly in excess of 60 MPH and can weigh up to 50 pounds with wing spans of 10 feet. If the radio controlled plane were to be interfered with while flying, it would turn the plane into an uncontrolled projectile capable of causing injury and property damage.

Through out the year many modelers fly their planes at events and contests. There are thousands of these events and contests across our nation, some involving hundreds of participants and spectators. If one radio controlled model , while flying, were to be interfered with it could cause injury and even death. The safety precautions taken at these events involve careful coordination in the use of radio frequencies.

Many clubs have considerable amounts of time and money invested in their flying sites as well as modelers having large investments in their models and radios. All this would be for naught if the FCC were allowed to have its change. The FCC thinks it can improve operating conditions of land mobile radio users with this rule change. On the contrary, it could possibly create havoc.

In the interest of model aviation - involving thousands of modelers - and the importance of safety, I ask for help by you not allowing the FCC to carry out its proposal for the 72-76 MHz band.

Sincerely  
George L. K.

EX PARTE OR LATE FILED

6617 NW 111th Street  
Oklahoma City, Ok 73162  
February 1, 1993

SENATOR BOREN  
WASHINGTON, D.C.

DO FEB -8 AM 10:11

RECEIVED

MAR - 8 1993

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

The Honorable David Boren  
United States Senate  
Washington D.C. 20510

Dear Senator Boren:

I am an individual who has a sporting interest in the sport/hobby of flying radio controlled model airplanes. I am also a member of two RC flying clubs in the Oklahoma City, Ok area and have traveled to sporting events as far away as South Dakota. I also planned to spend many hours of my pending retirement enjoying the benefits of model flying.

However, I am very concerned about my ability to continue to participate safely in this sport/hobby. I recently learned about some proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is under PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72 - 76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them in to narrower bandwidths and rearranging the band plan. As a result, many land frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted.

When we fly our model airplanes under radio control, we go many great lengths to assure safety of the operators, bystanders and property. Many of our safety precautions involve the careful coordination and use of radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the

EX PARTE OR LATE FILED

Davis M. Egle  
2735 Poplar Lane  
Norman, OK 73072  
February 2, 1993

SENATOR BOREN  
WASHINGTON, D.C.

00 FEB -8 AM 10:11

RECEIVED

MAR - 8 1993

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

The Honorable David L. Boren  
453 Russel Senate Office Building  
Washington, DC 20510

Dear Senator Boren:

I belong to a club whose members enjoy building and flying radio-controlled model airplanes. I have been involved in this hobby for 30 years and I own several airplanes, five expensive radios, many engines, and the accessories needed to build and fly the models. I have a lot of money invested in this pastime.

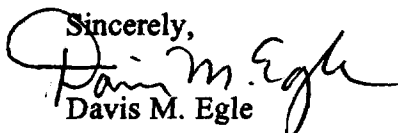
I am very concerned about a proposed rule under consideration by the FCC. The proceeding is PR Docket 92-235. If adopted the new rule will greatly reduce the usability of frequencies assigned for R/C model use and will increase the risk of accidents and liability.

The Notice of Proposed Rule Making in PR Docket 92-235 replaces part 90 of the rules with a new part 88. Part 90 allows for safe use of R/C aircraft by keeping 10 KHz spacing between fixed commercial users and frequencies used by R/C modelers. The new Part 88 will allow mobile users on frequencies within 2.5 KHz of ours, eliminating the safe use of at least half of the frequencies now being used by hobbists. I have been told that more channels will likely be affected.

When we operate our models, we go to great lengths to assure the safety of operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the frequencies assigned to us. If the number of useable frequencies is decreased by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

I don't think it is wise of the FCC to expand the operation of land mobile radio users at the expense of radio-control modelers. The FCC may not think we are as important as business users of radio, but we have a considerable investment in our models and equipment. The model industry is sizeable and growing and will suffer if this action prevails. The hobby provides many hours of enjoyment to hundreds of thousands of people like me and contributes to the advancement and development of the aviation industry.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out PR Docket for the 72-75 MHz band. We need your help urgently because the FCC has a deadline of February 26, 1993 after which it may become much more difficult to keep this proposal from going into effect.

Sincerely,  
  
Davis M. Egle

remaining frequencies will become congested and the margin of safety will be greatly decreased.

Please understand that many model airplanes have wing spans up to ten feet and weigh as much as 30 or 40 pounds.

The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the aircraft. We often fly our models at organized events and contests where hundreds of operators participate. We need use of our full complement of radio frequencies to assure a safe flying environment.

I do not think it is wise for the FCC to seek to improve conditions of land mobile radio users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and in our radio equipment. The hobby/sport provides many hours of enjoyment to thousands of people like myself and contributes to the advancement and development of commercial aviation industry.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposal for the 72 - 76 MHz band.

For you further understanding, attached is a copy of an alert I received from the Academy of Model Aeronautics.

Thank you for your consideration.

  
John L. Vecchia

MAR - 8 1993

SENATOR FEDERAL COMMUNICATIONS COMMISSION  
WASHINGTON, OFFICE OF THE SECRETARY

00 FEB -8 AM 10:53

Dear *Senator Boren*

I am very active in a local club whose members enjoy constructing and operating radio controlled model airplanes. I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC).

The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72-76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted.

When we fly our model airplanes under radio control, we go to great lengths to assure the safety of operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

please understand that many model airplanes have wing spans up to 10 feet and weigh as much as 30 or 40 pounds. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the aircraft. We often fly our models at organized events and contests where hundreds of operators participate. We need the use of our full complement of radio frequencies in order to assure a safe flying environment.

I do not think it is wise of the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and in our radio equipment. The hobby provides many hours of enjoyment to thousands of



# ***Urgent Frequency Alert!***

***To all users of model frequencies in both the 72 and 75 MHz bands.***

The Federal Communications Commission (FCC) has issued a Notice of Proposed Rule Making (NPRM-PR Docket 92-235) which, if implemented, will have a profound effect on model frequency use. Developed by the FCC Land Mobile Service, it creates a massive frequency restructuring—the first of its type in 60 years.

The 419 page document addresses frequency use in another service (Part 88) but will also affect Part 95 where our RC frequency use lives. Without becoming too technical, the restructuring inserts two new frequencies between those presently assigned for modeling use and commercial users. That means we could have a transmitter almost four times the power output of ours, only 2.5 kHz away from a large number of our 72 and 75 MHz frequencies.

In the 72 MHz band, thirty-one of our frequencies would be bracketed, principally in the lower end of the band (below channel 42). A similar condition would exist in the 75 MHz band. Two examples of the frequency placing would look like the following:

<b>Model Channel 14</b>	<b>72.070 MHz</b>
New insert	72.0725 MHz
New insert	72.0775 MHz

<b>Present Commercial</b>	<b>72.080 MHz</b>
New insert	72.0825 MHz
New insert	72.0875 MHz

<b>Model Channel 15</b>	<b>72.090 MHz</b>
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**OR**

<b>Model Channel 62</b>	<b>75.430 MHz</b>
New insert	75.4325 MHz
New insert	75.4375 MHz

<b>Present Commercial</b>	<b>75.440 MHz</b>
New insert	75.4425 MHz
New insert	75.4475 MHz

<b>Model Channel 63</b>	<b>75.450 MHz</b>
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Not only are these new frequencies very close to ours, they are also designated as "mobile", therefore we would never know where they are operating, including right in the pit area at your field or on the street and highway nearby. In addition, the technical specifications for the new equipment allows a legal frequency tolerance which could place their signal directly on ours!